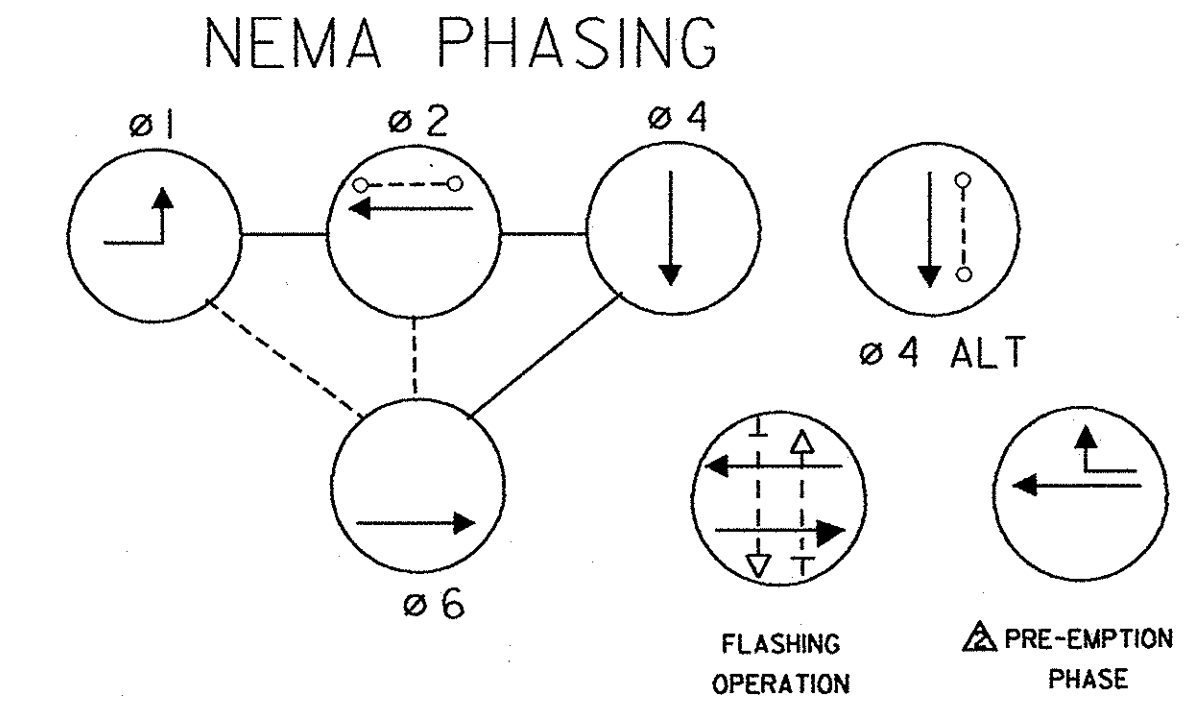
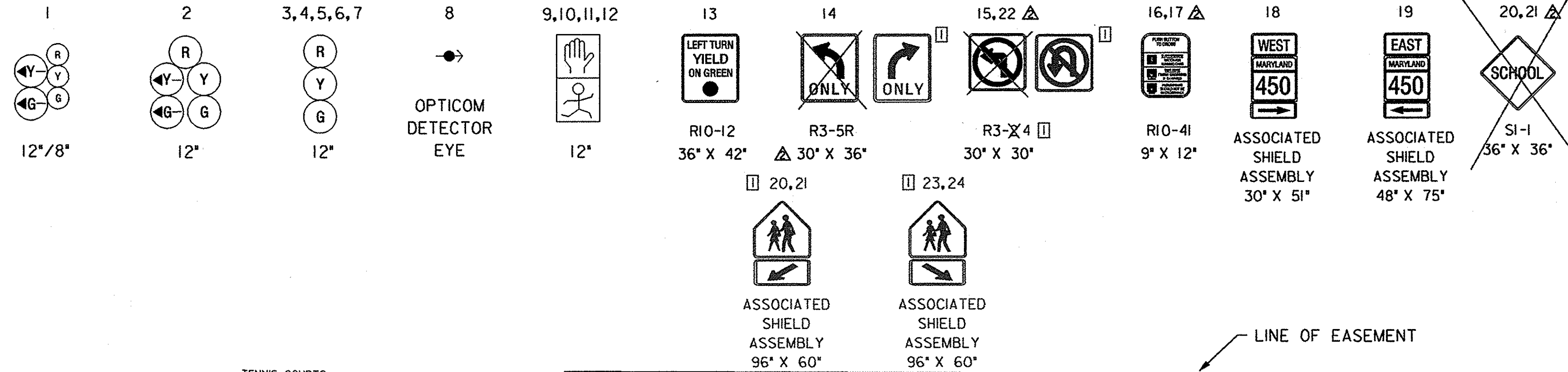
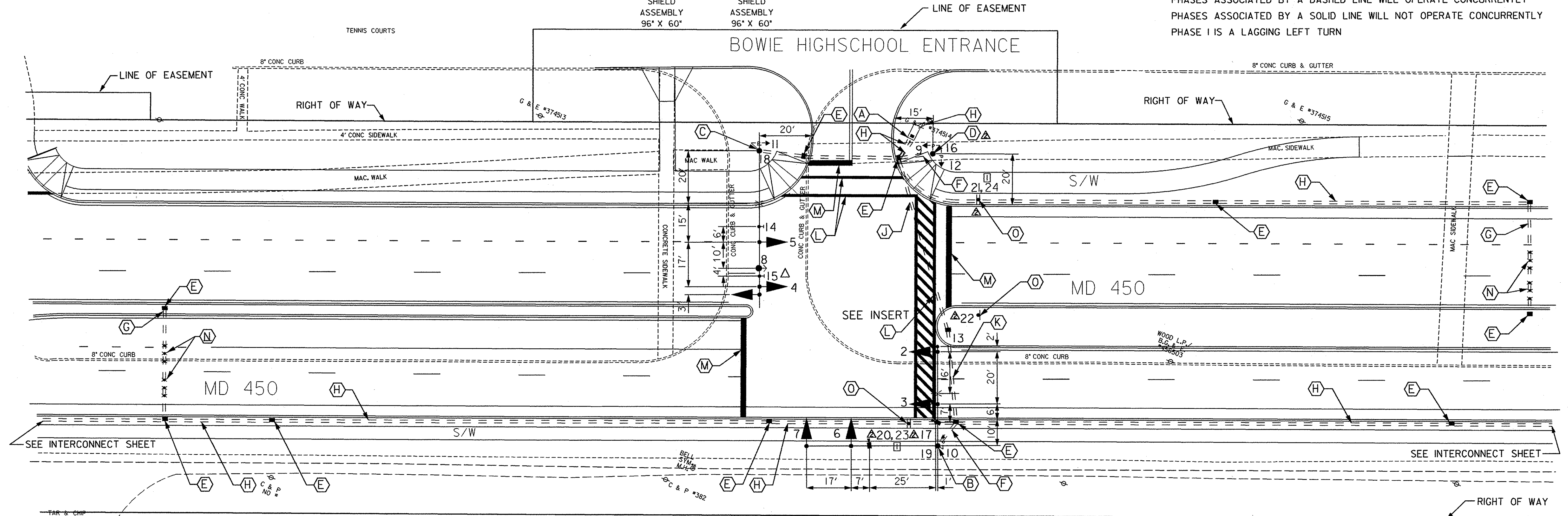


PROPOSED SIGNS/SIGNALS



NEMA NOTES

MD 450 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.



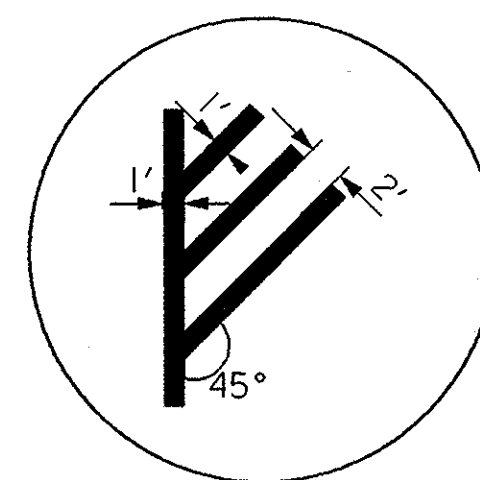
NOTES

- ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH S.H.A. STANDARDS

CONSTRUCTION DETAILS:

- INSTALL NEMA SIZE *6" CABINET AND CONTROLLER BASE MOUNT WITH ALL NECESSARY CONTROL AND DISTRIBUTION EQUIPMENT AND VIDEO DETECTION SYSTEM TO BE INSTALLED BY SHA.
- INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, TWIN 38/50 FT. MAST ARMS, VEHICULAR SIGNAL HEADS, VIDEO TRAFFIC CAMERAS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGNS. INSTALL 20 FT. LIGHTING ARM ABOVE EB APPROACH MAST ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE.
- INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 60 FT. MAST ARM, VEHICULAR SIGNAL HEADS, VIDEO TRAFFIC CAMERA, PEDESTRIAN SIGNAL HEADS, OPTICOM DETECTOR EYE, SIGNS, AND 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE. ALSO CUT, CLEAN CALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE.
- INSTALL 14 FT. BREAKAWAY PEDESTAL POLE WITH 2 IN. ELBOW, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN.
- INSTALL HANDHOLE.
- INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-BORED.
- INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-BORED.
- INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-SLOTTED.
- INSTALL 12 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR CROSSWALK.
- INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
- INSTALL MICRO-LOOP NON INVASIVE PROBE SET WITH 1000 FT. LEAD IN.
- INSTALL GROUND MOUNTED SIGNS (BACK TO BACK WHERE APPROPRIATE).

TYPICAL



CROSSWALK DETAILS

UTILITY LEGEND

- | | |
|-------|------------------|
| — G — | GAS MAIN |
| — W — | WATER MAIN |
| — S — | SEWER MAIN |
| — E — | ELECTRIC CABLES |
| — A — | AERIAL CABLES |
| — T — | TELEPHONE CABLES |

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

REDLINE NO. 1 5/6/02

ADDENDUM #2 10/11/2001

| REVISIONS | APPROVALS |
|-----------|---------------------------------|
| | <p>12-10-01</p> <p>12-10-01</p> |

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 450 - MD 193 TO STONYBROOK DRIVE
MD 450 AT BOWIE HIGH SCHOOL - ULTIMATE SIGNAL

| | | | |
|----------------------|----------------------------|---------------------|------------|
| DRAWN BY: MB | F.A.P. NO. PG9005571 | TS NO. | SHEET NO. |
| CHECKED BY: STB | S.H.A. NO. PRINCE GEORGE'S | T.I.M.S. NO. D. 538 | 431 OF 545 |
| SCALE: 1"=20' | COUNTY: PRINCE GEORGE'S | LOG MILE: | |
| DATE: SEPTEMBER 2001 | | | |

ULTIMATE
SIGNAL